

## Anchor team training to promote modern biomass technologies (21-25 May 2007)

Towards promoting cleaner technologies, The Energy and Resources Institute (TERI) with main support from Swiss Agency for Development and Cooperation (SDC) have initiated, Competence network for Small and Micro Learning Enterprise (CoSMiLE). CoSMiLE focuses on increased adoption of resource-efficient technologies and knowledge-sharing to enhance competitiveness of the targeted small and micro enterprises.

It is felt by experts that one of the major lacunae in promoting modern biomass energy devices is absence of supply chain services, trained cadre of technicians, and promoters. Thus the broad objective of the proposed training programme is to build 'supply chain' to mainstream modern biomass energy systems. Target group for this training programme includes, entrepreneur, professionals, teaching faculty on energy, manufacturers, NGOs, renewable energy agencies and companies, training institutes and trainers, implementing staff, etc. The number of participants will be limited to about 30, so that individual attention can be paid during the training programme. A comprehensive course material which can help practitioners is being prepared which will be given as part of the course material to the participants.

### Agenda:

May 21 <sup>st</sup> 2007 (9.30 am to 5.30 pm)	<ul style="list-style-type: none"> <li>• Introduction, Expectations of participants and faculty</li> <li>• Energy basics, Biomass basics, Option of devices-present and alternative choices</li> <li>• Basics of product design</li> <li>• Case studies of use of biomass gasifiers, improved furnaces, etc.,</li> <li>• Experiences of manufacturers and services providers in biomass business (VEE and 2M industries)</li> </ul>
May 22 <sup>nd</sup> 2007 (9.30 am to 5.30 pm)	<ul style="list-style-type: none"> <li>• Biomass Atlas</li> <li>• Issues of Biomass supply and potential</li> <li>• Measurements: Standard Protocols for measurements, Calculations of efficiency of biomass devices, Performance evaluation, Theory and practicals</li> <li>• Elements of Detailed Project Reports (DPR) - Observations at site, Assessment on energy consumption, arriving at alternatives, System configuration, Costing (investment, operation, maintenance, payback, IRR, etc), Likely benefits assessment, Development of business proposition</li> <li>• Clean Development Mechanisms</li> </ul>
May 23 <sup>rd</sup> 2007 (8.00 am to 6.00 pm)	<ul style="list-style-type: none"> <li>• Exposure visit- Adhamya Chetana (mid day meal scheme), silk dyeing unit</li> <li>• Visits and observation in four small scale industries for preparing DPR</li> </ul>
May 24 <sup>th</sup> 2007 (9.30 am to 5.30 pm)	<ul style="list-style-type: none"> <li>• Comparative analysis, future trends and learning's from earlier biomass programmes - National and International perspective</li> <li>• DPR preparation, Revisit to enterprises if required</li> </ul>
May 25 <sup>th</sup> 2007 (9.30 am to 4.30 pm)	<ul style="list-style-type: none"> <li>• DPR presentation, Written test, Issue of certificate, Feedback, Conclusion</li> </ul>

**Faculty:** Dr V V N Kishore - Senior Fellow, TERI; Dr Sanjay P Mande - Fellow, TERI; Prof. P G Tewari - Professor, Energy Systems Engineering, BVBCET; Mr S N Srinivas - Fellow and Area Convenor, TERI, Bangalore; and Mr S N Rajendra - Research Associate, TERI, Bangalore.

**Venue:** Mahatma Gandhi Regional Institute of Rural Energy & Development (MGRIRED), Sri Rampura Cross, Jakkur, Bangalore-560 064. Ph. No. 080-28566357

**Course fee:** Rs. 1500 per candidate. It includes boarding, lodging, exposure visits, course and course material.

**Requirements for the participants are:**

- The participants for the course should have basic knowledge to read and write English
- 100% attendance is compulsory for the courses
- The programme is residential; the participants may also stay at their own arrangement. However, the course fee remains same.

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**Website:** <http://cosmile.org/events.htm>

We request you to fill up the information form (Format 1) providing details of the participant and send it to us (to above contact address) with course fee through DD drawn in favour of "The Energy and Resources Institute" payable at Bangalore before 15th May 2007.

**Note:** The event is being co-sponsored by Mahathma Gandhi Institute of Rural Energy & Development (MGRIRED) in terms of providing hall and accommodation facilities to participants and faculty free of cost.

